EAT•N Corporate Research
& Development
Detroit Center

PROJECT REPORT

Project: 5956-01
Engineer: R. Markyvech
Sponsor: TCONA
Bud Cat: 03

TITLE: AUTOSPLIT CONCEPT PROTOTYPE
Program Plan #128   Program Manager: D. Smedley

MAY 1994

OBJECTIVE

This project will design and build a concept prototype transmission to demonstrate the AutoSplit concept, based on the Super 10 transmission. The strategy used will be chosen to provide an operational prototype in a vehicle as soon as is feasible, and at the same time provide a prototype system utilizing the intended product hardware and software platforms.

WORK/PROGRESS/ACCOMPLISHMENTS LAST MONTH

The latest AutoShift system manager software was procured from TCONA as a bases for the AutoSplit system.

Modifications have been made in the following AutoShift modules:

CON_O_S.C96	-	Control output signals
PR_S_I_S.C96	-	Process system input signals
DRL_CMDS.C96	-	Driveline commands (to engine)
SEQ_SHFT.C96	-	Sequence shift
SEL_GEAR.C96	-	Select gear

A new module was written, (TRNS_ACT.C96), that monitors and controls the transmission.

A vehicle wire harness has been started and will be completed when the target vehicle becomes available.

NEXT MONTH'S PLANS

Continue to develop software for the AutoSplit system.

Incorporate the CoRD software into the TCONA supplied executive shell and begin bench testing.

Install the system in the lease vehicle.

cc: D. Smedley, T. Genise

Exhibit 1